

SECTOR/8  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ming XI , et al

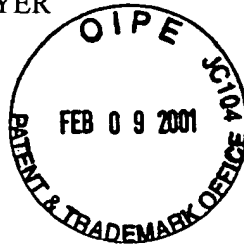
Assignee: APPLIED MATERIALS, INC.

Title: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS  
EMPLOYING SEQUENTIAL DEPOSITION TECHNIQUES TO FORM A  
NUCLEATION LAYER

Serial No.: 09/678,266

Filed: 10/03/2000

Attorney Docket No.: 004714



Confirmation Number Assignment:

Group Art Unit: 4762

Examiner: unknown

Santa Clara, California  
February 6, 2001

COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on December 6, 2000, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (28 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	- \$ 710.00
2. Fees for claims	
<input checked="" type="checkbox"/> each independent claim in excess of 3 (37 CFR 1.16(f))	- 80.00
___ each claim in excess of 20 (37 CFR 1.16(c))	-
___ each multiple dependent claim (37 CFR 1.16(d))	-
<input checked="" type="checkbox"/> Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	- 130.00
Total Completion Fees	- <u>\$920.00</u>

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

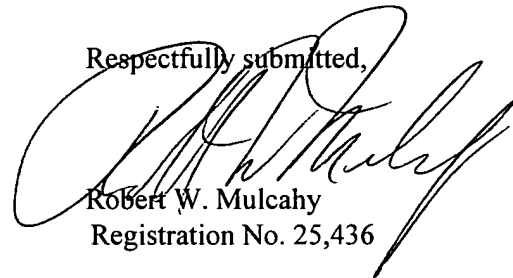
Extension (Months)	Fee for other than Small Entity
<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 390.00
<input type="checkbox"/> Three Months	\$ 890.00
<input type="checkbox"/> Four Months	\$1,390.00

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge \$920.00 and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.


It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of October 3, 2000 . Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

Respectfully submitted,



Robert W. Mulcahy  
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 2/6/2001.

Signature:   
Maureen Walstra



## UNITED STATES PATENT AND TRADEMARK OFFICE

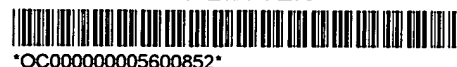
COMMISSIONER FOR PATENTS  
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WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/678,266	10/03/2000	Ming Xi	4714 P1/AMI-00-11

REC'D DEC 12 2000

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O. BOX 450A  
Santa Clara, CA 95052

## FORMALITIES LETTER



\*OC000000005600852\*



Date Mailed: 12/06/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$80.
  - \$80 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 920.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

02/20/2001 JADD01 00000043 501074 09678266  
01 FC:101 710.00 CH  
02 FC:102 80.00 CH  
03 FC:105 130.00 CH